

Hydraulic and Pneumatic Interface Valve

These interface valves control hydraulic pressures with a pilot supply. Available in 2-way and 3-way configurations, they feature stainless steel construction and optional manual override.



ADDITIONAL IMAGES



Product Overview

High-Pressure Interface Valves

These interface valves are designed to provide precise control for hydraulic and pneumatic systems, capable of managing pressures up to 10,000 psi. Available in 2-way (normally open or closed) and 3-way (block and bleed) configurations, they utilize low pilot supply pressure to regulate high-pressure lines. Constructed from durable materials with a smooth ball seal design, these valves ensure zero leakage and long-term reliability in demanding industrial environments.

Performance & Ratings

| | |
|-------------------------|---|
| Operate Pressure | MAX. 10000 psig (689 bar) |
| Pilot Pressure | MAX. 10000 psig (689bar) |
| Work Temperature | -40~250°F(-40~120°C) standard valve |
| Wetted Material | 316, 17-4PH |
| Seal Material | Buna N & PEEK standard |

Technical summary of operating pressures, temperature ranges, and material standards.

Maximum Operating Pressure

10000 psig

Max Operating Pressure

689 bar

Max Operating Pressure

Operating Temperature

-40 to 250°F (-40 to 120°C)

Materials & Construction

Compliance

NACE MR-0175 Available

Body Material

316 Stainless Steel

Wetted Materials

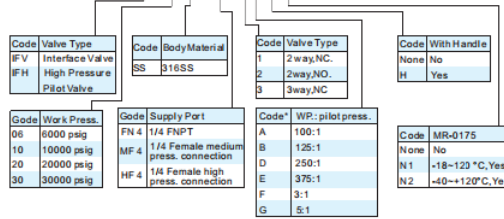
316 Stainless Steel, 17-4PH

Standard Seal Materials

Buna N, PEEK

Configuration Options

Ordering code : **IFV-10SS-FN4-3A-HN1**



*D for 20000 psig valve only, E for 30000 psig valve only, F and G for High Pressure Pilot Valve only. Other sizes and types available upon request. For special requirements, please contact us.

Ordering guide showing available valve types, pressure ratings, and connection options.

Available Valve Types

- 2-way Normally Closed (NC)
- 2-way Normally Open (NO)
- 3-way Normally Closed (NC)

Work Pressure Ratings

- 6000 psig
- 10000 psig
- 20000 psig
- 30000 psig

Manual Override

Yes